

Water Portfolios

North Coast Hydrologic Region

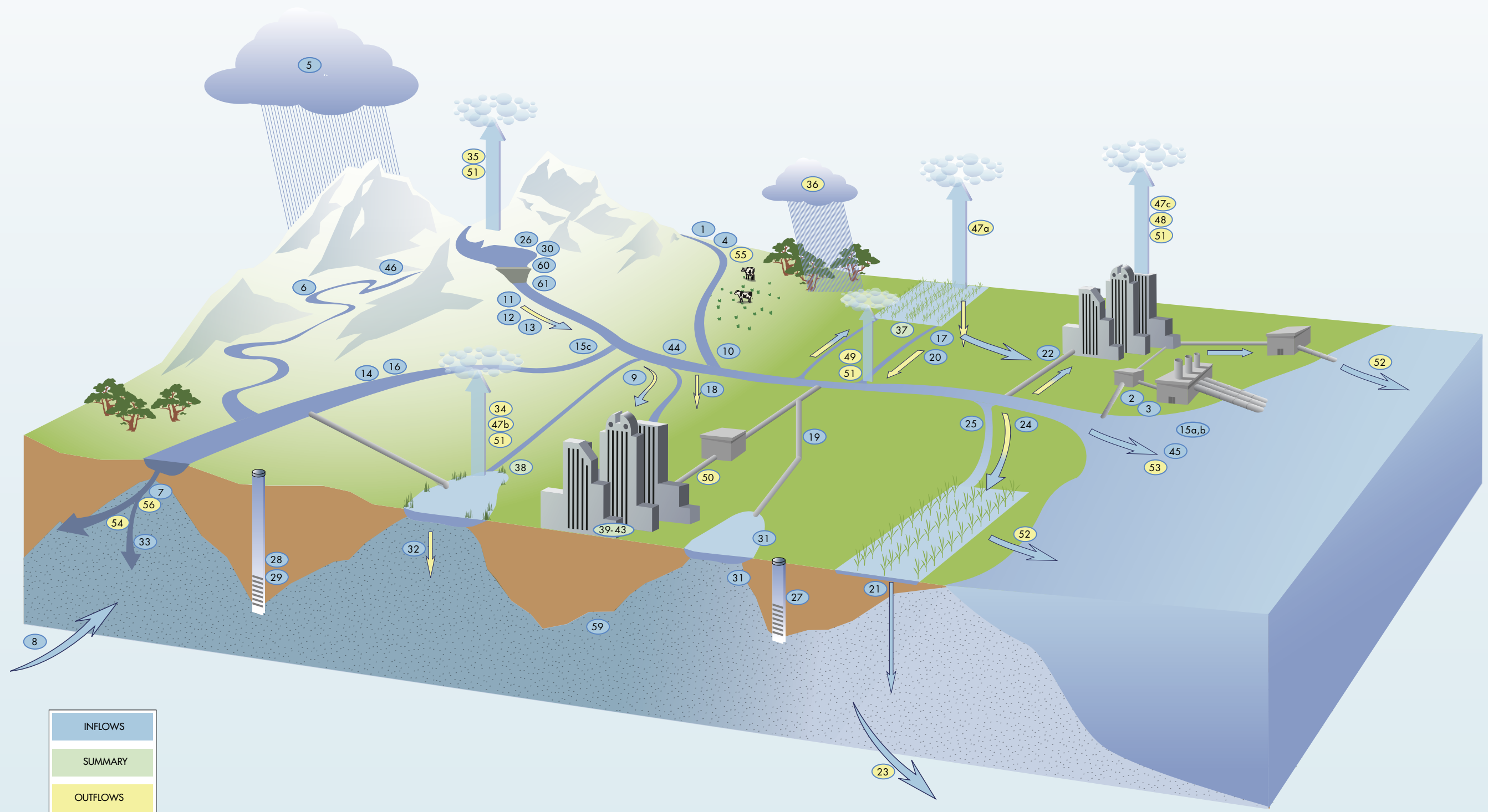
ID Number:	Flow Diagram Component (see legend)	North Coast 1998	North Coast 2000	North Coast 2001
1	Colorado River Deliveries	-	-	-
2	Total Desalination	-	-	-
3	Water from Refineries	-	-	-
4a	Inflow From Oregon	2,104.5	1,498.0	988.0
b	Inflow From Mexico	-	-	-
5	Precipitation	79,216.3	50,755.1	31,254.4
6a	Runoff - Natural	53,812.0	N/A	N/A
b	Runoff - Incidental	N/A	N/A	N/A
7	Total Groundwater Natural Recharge	N/A	N/A	N/A
8	Groundwater Subsurface Inflow	-	N/A	N/A
9	Local Deliveries	537.9	592.7	340.6
10	Local Imports	2.0	3.1	17.8
11a	Central Valley Project :: Base Deliveries	-	-	-
b	Central Valley Project :: Project Deliveries	-	-	-
12	Other Federal Deliveries	334.5	408.7	238.2
13	State Water Project Deliveries	-	-	-
14a	Water Transfers - Regional	-	-	-
b	Water Transfers - Imported	-	-	-
15a	Releases for Delta Outflow - CVP	-	-	-
b	Releases for Delta Outflow - SWP	-	-	-
c	Instream Flow Applied Water	1,445.3	1,444.5	1,473.5
16	Environmental Water Account Releases	-	-	-
17a	Conveyance Return Flows to Developed Supply - Urban	-	-	-
b	Conveyance Return Flows to Developed Supply - Ag	-	-	-
c	Conveyance Return Flows to Developed Supply - Managed Wetlands	-	-	-
18a	Conveyance Seepage - Urban	-	-	-
b	Conveyance Seepage - Ag	5.3	6.4	4.9
c	Conveyance Seepage - Managed Wetlands	-	-	-
19a	Recycled Water - Agriculture	11.7	11.7	11.7
b	Recycled Water - Urban	0.3	0.3	0.4
c	Recycled Water - Groundwater	-	-	-
20a	Return Flow to Developed Supply - Ag	6.0	6.9	7.1
b	Return Flow to Developed Supply - Wetlands	-	-	-
c	Return Flow to Developed Supply - Urban	-	-	-
21a	Deep Percolation of Applied Water - Ag	46.9	61.2	72.2
b	Deep Percolation of Applied Water - Wetlands	1.2	1.3	0.7
c	Deep Percolation of Applied Water - Urban	18.7	19.7	18.5
22a	Reuse of Return Flows within Region - Ag	67.5	86.1	23.5
b	Reuse of Return Flows within Region - Wetlands, Instream, W&S	143.3	115.5	30.3
24a	Return Flow for Delta Outflow - Ag	-	-	-
b	Return Flow for Delta Outflow - Wetlands, Instream, W&S	-	-	-
c	Return Flow for Delta Outflow - Urban Wastewater	-	-	-
25	Direct Diversions	N/A	N/A	N/A
26	Surface Water in Storage - Beg of Yr	2,236.3	2,740.7	2,495.0
27	Groundwater Extractions - Banked	-	-	-
28	Groundwater Extractions - Adjudicated	-	-	-
29	Groundwater Extractions - Unadjudicated	264.3	334.9	452.7
23	Groundwater Subsurface Outflow	N/A	N/A	N/A
30	Surface Water Storage - End of Yr	2,938.8	2,495.0	2,003.9
31	Groundwater Recharge-Contract Banking	-	-	-
32	Groundwater Recharge-Adjudicated Basins	-	-	-
33	Groundwater Recharge-Unadjudicated Basins	-	-	-
34a	Evaporation and Evapotranspiration from Native Vegetation	N/A	N/A	N/A
b	Evaporation and Evapotranspiration from Unirrigated Ag	N/A	N/A	N/A
35a	Evaporation from Lakes	38.9	45.2	42.4
b	Evaporation from Reservoirs	167.5	181.3	162.7
36	Ag Effective Precipitation on Irrigated Lands	271.1	183.2	144.3
37	Agricultural Water Use	634.6	778.9	614.6
38	Managed Wetlands Water Use	391.4	424.4	254.3
39a	Urban Residential Use - Single Family - Interior	29.4	30.4	29.1
b	Urban Residential Use - Single Family - Exterior	35.2	40.8	40.9
c	Urban Residential Use - Multi-family - Interior	13.3	13.7	14.2
d	Urban Residential Use - Multi-family - Exterior	3.7	3.8	3.9
40	Urban Commercial Use	17.1	17.2	17.5
41	Urban Industrial Use	30.2	31.7	31.1
42	Urban Large Landscape	11.0	12.4	12.7
43	Urban Energy Production	-	-	0
44	Instream Flow	1425.1	1441.9	1473.5
45	Required Delta Outflow	-	-	-
46	Wild and Scenic Rivers	30923	17321.1	6547.6
47a	Evapotranspiration of Applied Water - Ag	449.2	551.1	444.1
b	Evapotranspiration of Applied Water - Managed Wetlands	155.7	194.4	155.3
c	Evapotranspiration of Applied Water - Urban	41.2	45.9	47.7
48	Evaporation and Evapotranspiration from Urban Wastewater	0.2	0.2	0.2
49	Return Flows Evaporation and Evapotranspiration - Ag	29.6	33.5	26.4
50	Urban Waste Water Produced	75.8	79.8	78.6
51a	Conveyance Evaporation and Evapotranspiration - Urban	-	-	-
b	Conveyance Evaporation and Evapotranspiration - Ag	6.9	7.1	4.2
c	Conveyance Evaporation and Evapotranspiration - Managed Wetlands	0.4	0.4	0.1
d	Conveyance Outflow to Mexico	N/A	N/A	-
52a	Return Flows to Salt Sink - Ag	37.4	42.1	41.3
b	Return Flows to Salt Sink - Urban	76.3	80.8	79.5
c	Return Flows to Salt Sink - Wetlands	1.7	1.7	1.5
53	Remaining Natural Runoff - Flows to Salt Sink	32348.1	18763	8021.1
54a	Outflow to Nevada	-	-	-
b	Outflow to Oregon	183.7	113.7	66.4
c	Outflow to Mexico	-	-	-
55	Regional Imports	2.0	2.0	2.0
56	Regional Exports	883.4	1143.5	702.5
59	Groundwater Net Change in Storage	-46.9	-28.4	-146.8
60	Surface Water Net Change in Storage	702.5	-245.7	-491.1
61	Surface Water Total Available Storage	3,779.9	3,779.9	3,779.9

Inflows

Outflows

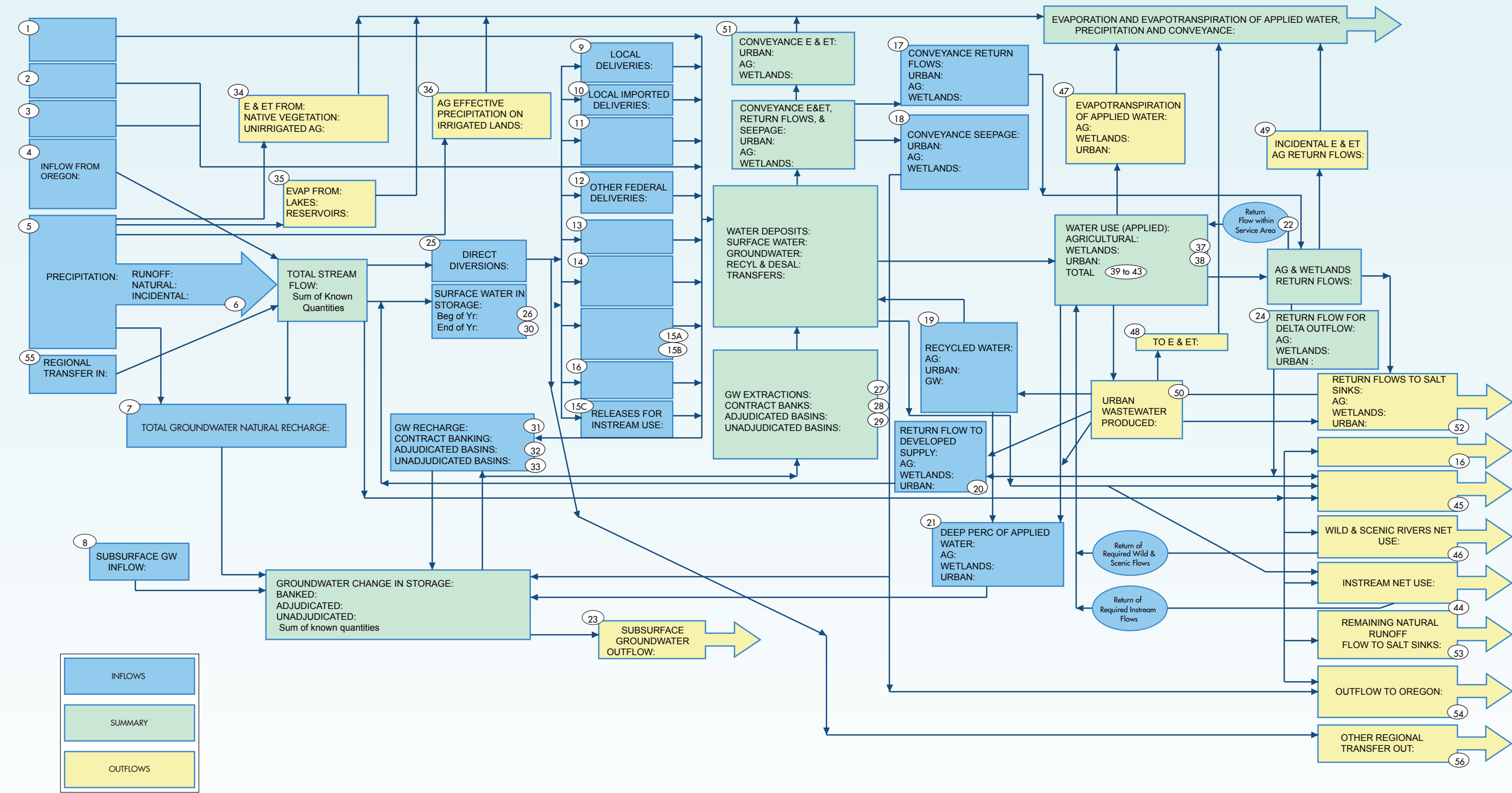
Green number signifies included in summary boxes

Figure 2-4 North Coast region - illustrated water flow diagram



In this illustration of Table 2-3, key components of the flow diagram are shown as characteristic elements of the hydrologic cycle. Circled numbers correspond to the identification number of the table's flow diagram components; color indicates whether the component is water input, output, or summary.

Figure 2-5 North Coast region - schematic flow diagram



In schematic of Table 2-3, key components of the flow diagram are shown as boxes and connectors in a flow chart. Circled numbers correspond to the identification number of flow diagram components in the table; box color indicates whether component is water input, output, or summary. Blank boxes are flow diagram components not relevant to the region.